

L Number	Hits	Search Text	DB	Time stamp
1	544	(index near guided) and waveguide and laser	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/31 19:33
2	329	((index near guided) and waveguide and laser) and 372/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/31 18:45
3	143	((index near guided) and waveguide and laser) and (transverse near mode) and oscillat\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/31 19:35
4	93	((index near guided) and waveguide and laser) and (transverse near mode) and oscillat\$3) and fundamental	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/31 18:46
6	82	(index near guided) and (guide near layer\$1) and laser	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/31 19:35
7	21	((index near guided) and (guide near layer\$1) and laser) and (transverse near mode) and oscillat\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/31 19:36
-	16	waveguide adj layer and (current adj (confinement or block\$3)) and clad\$4 and quantum adj well and (waveguide near thickness)	USPAT; US-PGPUB	2002/11/04 11:17
-	193	semiconductor adj laser and (light near guide) and thick\$4 and confin\$4	USPAT; US-PGPUB	2002/11/04 11:19
-	7	semiconductor adj laser and (light near guide) and (thick\$4 near differen\$3) and confin\$4	USPAT; US-PGPUB	2002/11/04 11:20
-	7	semiconductor adj laser and (light near guide) and (thick\$4 near differen\$4) and confin\$4	USPAT; US-PGPUB	2002/11/04 11:21
-	4893	kondo.in.	USPAT; US-PGPUB	2002/11/04 11:22
-	140	kondo.in. and semiconductor adj laser	USPAT; US-PGPUB	2002/11/04 11:22
-	15	(kondo.in. and semiconductor adj laser) and (guide near layer)	USPAT; US-PGPUB	2002/11/04 11:39
-	34	sch and ((guide near layer) near thick\$4)	USPAT; US-PGPUB	2002/11/04 12:34
-	0	(current adj (confinement or blocking)) near sio	USPAT; US-PGPUB	2002/11/04 12:19
-	0	(current adj (confin\$4 or blocking)) near sio	USPAT; US-PGPUB	2002/11/04 12:19
-	0	(current adj (confin\$4 or blocking)) near (sio or silicon)	USPAT; US-PGPUB	2002/11/04 12:20
-	0	(current adj (confin\$4 or blocking)) near (sio or silicon\$)	USPAT; US-PGPUB	2002/11/04 12:21
-	0	(current adj (confin\$4 or blocking)) near (sio or silicon\$3)	USPAT; US-PGPUB	2002/11/04 12:22
-	3	(semiconductor adj laser and (fundamental near transverse near mode) and (index near guided)) and (guide near layer near thick\$4)	USPAT; US-PGPUB	2002/11/04 12:41
-	10	(semiconductor adj laser and (fundamental near transverse near mode) and (index near guided)) and (guide adj layer)	USPAT; US-PGPUB	2002/11/04 12:50
-	61	semiconductor adj laser and (fundamental near transverse near mode) and (index near guided)	USPAT; US-PGPUB	2002/11/04 15:36
-	20	(semiconductor adj laser and (fundamental near transverse near mode) and (index near guided)) and ((guide adj layer) or (light near confin\$5) or (light near waveguide))	USPAT; US-PGPUB	2002/11/04 13:28
-	19	((semiconductor adj laser and (fundamental near transverse near mode) and (index near guided)) and ((guide adj layer) or (light near confin\$5) or (light near waveguide))) and thick\$4	USPAT; US-PGPUB	2002/11/04 13:28
-	52	(semiconductor adj laser and (fundamental near transverse near mode) and (index near guided)) and ((guide adj layer) or (light near confin\$5) or (waveguide))	USPAT; US-PGPUB	2002/11/04 14:27

-	49	((semiconductor adj laser and (fundamental near transverse near mode) and (index near guided)) and ((guide adj layer) or (light near confin\$5) or (waveguide))) and thick\$4	USPAT; US-PGPUB	2002/11/04 13:28
-	56	(semiconductor adj laser and (fundamental near transverse near mode) and (index near guided)) and ((guide adj layer) or (light near confin\$5) or (waveguide) or grin)	USPAT; US-PGPUB	2002/11/04 14:28
-	3	(semiconductor adj laser and (fundamental near transverse near mode) and (index near guided)) and ((guide adj layer) or (light near confin\$5) or (waveguide) or grin) near thick\$4	USPAT; US-PGPUB	2002/11/04 14:28
-	3	(semiconductor adj laser and (fundamental near transverse near mode) and (index near guided)) and(((guide adj layer) or (light near confin\$5) or (waveguide) or grin) near thick\$4)	USPAT; US-PGPUB	2002/11/04 14:29
-	1	(semiconductor adj laser and (fundamental near transverse near mode) and (index near guided)) and (aluminum or al) and znse	USPAT; US-PGPUB	2002/11/04 15:02
-	1	(semiconductor adj laser and (fundamental near transverse near mode) and (index near guided)) and (aluminum) and (znse or znse)	USPAT; US-PGPUB	2002/11/04 15:02
-	94	semiconductor adj laser and (fundamental near mode) and (index near guided)	USPAT; US-PGPUB	2002/11/04 15:46
-	14	(clad\$4 and current adj block\$3 and ((guide near light) or (optical near waveguide)) and quantum adj well) and grin	USPAT; US-PGPUB	2002/11/04 15:59
-	1	semicondcutor adj laser and stripe and current near (block\$3 or confin\$5) and clad\$4 and quantum adj well	USPAT; US-PGPUB	2002/11/04 16:05
-	0	semicondcutor adj laser and ridge and current near (block\$3 or confin\$5) and clad\$4 and quantum adj well	USPAT; US-PGPUB	2002/11/04 16:05
-	245	clad\$4 and current adj block\$3 and ((guide near light) or (optical near waveguide)) and quantum adj well	USPAT; US-PGPUB	2002/11/04 16:05
-	288	(index near guided) and stripe and width	USPAT; US-PGPUB	2002/12/02 08:39
-	157	((index near guided) and stripe and width) and (quantum near well)	USPAT; US-PGPUB	2002/12/02 08:40
-	1	((((index near guided) and stripe and width) and (quantum near well)) and ("4" near um)	USPAT; US-PGPUB	2002/12/02 08:42
-	0	((((index near guided) and stripe and width) and (quantum near well)) and waveguide and clad and (current near (confin6 or blcok\$3))	USPAT; US-PGPUB	2002/12/02 08:43
-	10	((((index near guided) and stripe and width) and (quantum near well)) and waveguide and clad and (current near (confin6 or block\$3))	USPAT; US-PGPUB	2002/12/02 08:44
-	42	((((index near guided) and stripe and width) and (quantum near well)) and waveguide and clad\$4 and (current near (confin6 or block\$3))	USPAT; US-PGPUB	2002/12/02 08:51
-	55	372/45.ccls. and (waveguide near thickness)	USPAT; US-PGPUB	2002/12/02 08:58
-	0	(372/45.ccls. and (waveguide near thickness)) and (".5" or ".6" or ".7") near um	USPAT; US-PGPUB	2002/12/02 08:57
-	0	(372/45.ccls. and (waveguide near thickness)) and (".5" or ".6" or ".7")	USPAT; US-PGPUB	2002/12/02 08:57
-	38	(372/45.ccls. and (waveguide near thickness)) and ("0.5" or "0.6" or "0.7")	USPAT; US-PGPUB	2002/12/02 08:58
-	0	372/45.ccls. and (waveguide near thickness) near ("0.5" or "0.6" or "0.7")	USPAT; US-PGPUB	2002/12/02 08:58
-	0	372/45.ccls. and (waveguide and thickness) near ("0.5" or "0.6" or "0.7")	USPAT; US-PGPUB	2002/12/02 08:59
-	110	372/45.ccls. and waveguide and (thickness near ("0.5" or "0.6" or "0.7"))	USPAT; US-PGPUB	2002/12/02 09:00
-	0	(372/45.ccls. and waveguide and (thickness near ("0.5" or "0.6" or "0.7"))) and (waveguide near sum)	USPAT; US-PGPUB	2002/12/02 09:00
-	4	(372/45.ccls. and waveguide and (thickness near ("0.5" or "0.6" or "0.7"))) and (waveguide near thickness)	USPAT; US-PGPUB	2002/12/02 09:01
-	10	optical near (guide or waveguide) and asymmetric\$4	USPAT; US-PGPUB	2002/12/02 09:23
-	10	(optical near (guide or waveguide)) and asyemtric\$4	USPAT; US-PGPUB	2002/12/02 09:28
-	262	(optical near (guide or waveguide)) near thickness	USPAT; US-PGPUB	2002/12/02 09:29
-	13	((optical near (guide or waveguide)) near thickness) and (index near guided)	USPAT; US-PGPUB	2002/12/02 09:29

-	1	("5572539").PN.	USPAT; US-PGPUB	2002/12/02 10:21
-	0	("((lower or upper) near clad\$4) and ((optical or light) near (guide or waveguide)) and (quantum near well) and (current near (confin\$7 or block\$3)))").PN.	USPAT; US-PGPUB	2002/12/02 10:27
-	0	("clad\$4 and quantum adj well and (optical or light) and (guide or waveguide) and (current near (block\$3 or confin6)))").PN.	USPAT; US-PGPUB	2002/12/02 10:26
-	164	((lower or upper) near clad\$4) and ((optical or light) near (guide or waveguide)) and (quantum near well) and (current near (confin\$7 or block\$3))	USPAT; US-PGPUB	2002/12/02 10:29
-	119	((lower and upper) near clad\$4) and ((optical or light) near (guide or waveguide)) and (quantum near well) and (current near (confin\$7 or block\$3))	USPAT; US-PGPUB	2002/12/02 10:30
-	1	("5485480").PN.	USPAT; US-PGPUB	2002/12/03 10:23
-	1	((("5485480").PN.) and helical and polar\$8	USPAT; US-PGPUB	2002/12/03 10:26
-	1	((("5485480").PN.) and circular\$3 and polar\$8	USPAT; US-PGPUB	2002/12/03 11:17
-	0	((("5485480").PN.) and helical near shape	USPAT; US-PGPUB	2002/12/03 10:28
-	1	((("5485480").PN.) and helical	USPAT; US-PGPUB	2002/12/03 10:29
-	1	((("5485480").PN.) and polar\$8	USPAT; US-PGPUB	2002/12/03 10:38
-	1	((("5485480").PN.) and circular\$3	USPAT; US-PGPUB	2002/12/03 10:39
-	0	((("5485480").PN.) and (circular\$3 near polar\$8) and (helical near core) and fiber and laser	USPAT; US-PGPUB	2002/12/03 10:41
-	0	((("5485480").PN.) and (circular\$3 near polar\$8) and helical and fiber and laser	USPAT; US-PGPUB	2002/12/03 10:41
-	0	((("5485480").PN.) and (circular\$3 near polar\$8) and helical and fiber	USPAT; US-PGPUB	2002/12/03 10:41
-	1	((("5485480").PN.) and (circular\$3 and polar\$8) and helical and fiber	USPAT; US-PGPUB	2002/12/03 10:45
-	0	(circular\$3 near polar\$8) and (helical near core) and fiber and laser	USPAT; US-PGPUB	2002/12/03 10:46
-	0	(circular\$3 near polar\$8) and (spiral near core) and fiber and laser	USPAT; US-PGPUB	2002/12/03 10:47
-	5	(circular\$3 near polar\$8) and ((helical or spiral) near core)	USPAT; US-PGPUB	2002/12/03 10:53
-	5785	(circular\$3 near polar\$8) and beam	USPAT; US-PGPUB	2002/12/03 10:53
-	279	(circular\$3 near polar\$8) and beam and core and fiber	USPAT; US-PGPUB	2002/12/03 10:54
-	93626	((circular\$3 near polar\$8) and beam and core and fiber) and helical or spiral	USPAT; US-PGPUB	2002/12/03 10:55
-	26	((circular\$3 near polar\$8) and beam and core and fiber) and (helical or spiral)	USPAT; US-PGPUB	2002/12/03 11:01
-	55	helical and optical adj fiber and (circular\$3 near polar\$8)	USPAT; US-PGPUB	2002/12/03 11:05
-	1	(helical near core) and optical adj fiber and (circular\$3 near polar\$8)	USPAT; US-PGPUB	2002/12/03 11:15
-	3	(helical near core) and (circular\$3 near polar\$8)	USPAT; US-PGPUB	2002/12/03 11:09
-	0	((("5485480").PN.) and (circular\$3 near polar\$8)	USPAT; US-PGPUB	2002/12/03 11:09
-	0	((("5485480").PN.) and (helical near polar\$8)	USPAT; US-PGPUB	2002/12/03 11:09
-	0	((("5485480").PN.) and (helical near polar\$9)	USPAT; US-PGPUB	2002/12/03 11:09
-	1	((("5485480").PN.) and (helical and polar\$9)	USPAT; US-PGPUB	2002/12/03 11:11
-	1	((("5485480").PN.) and (helical and circular\$3 and polar\$9)	USPAT; US-PGPUB	2002/12/03 11:11
-	1	("0494038").PN.	USPAT; US-PGPUB	2002/12/03 11:15

-	0	((("0494038").PN.) and polar\$	USPAT;	2002/12/03 11:16
-	1	("0494038").PN.	US-PGPUB	2002/12/03 11:17
-	0	((("0494038").PN.) and polar\$	USPAT;	2002/12/03 11:18
-	0	((("0494038").PN.) and polar\$9	US-PGPUB	2002/12/03 11:21
-	22	varnham.in.	USPAT;	2002/12/03 11:23
-	12	varnham.in. and polar\$9	US-PGPUB	2002/12/03 11:24
-	0	varnham.in. and (circular\$3 near polar\$9)	USPAT;	2002/12/03 11:24
-	1	("6195375").PN.	US-PGPUB	2002/12/04 11:58
-	1	((("6195375").PN.) and guide near layer	USPAT;	2002/12/04 12:01
-	10	hirata.in. and (guide near layer) and thickness	US-PGPUB	2002/12/04 12:24
-	51	372/\$.ccls. and (guide near layer) near thickness	USPAT;	2002/12/04 12:26
-	2	((("6195375") or ("5386429")).PN.	US-PGPUB	2002/12/06 10:19
-	0	("(fundamental near mode) and (single near mode)").PN.	USPAT;	2003/05/23 11:16
-	1108	(fundamental near mode) and (single near mode)	US-PGPUB;	2003/05/23 11:17
-	111	((fundamental near mode) and (single near mode)) and 372/45.ccls.	EPO; JPO;	2003/05/23 11:18
-	6	((((fundamental near mode) and (single near mode)) and 372/45.ccls.) and aluminum and (aluminum near free)	DERWENT	2003/05/23 11:46
-	0	((transverse near mode) and ((waveguide near layer) or (guide near layer)) and (mqw or (multi adj quantum adj well)) and (current near (block\$3 or confinement))) and aluminum and (aluminum near free)	USPAT;	2003/05/23 12:21
-	0	((transverse near mode) and ((waveguide near layer) or (guide near layer)) and (mqw or (multi adj quantum adj well)) and (current near (block\$3 or confinement))) and (aluminum near free)	US-PGPUB;	2003/05/23 11:47
-	72	(transverse near mode) and ((waveguide near layer) or (guide near layer)) and (mqw or (multi adj quantum adj well)) and (current near (block\$3 or confinement))	EPO; JPO;	2003/05/23 11:56
-	16	((transverse near mode) and ((waveguide near layer) or (guide near layer)) and (mqw or (multi adj quantum adj well)) and (current near (block\$3 or confinement))) and aluminum	DERWENT	2003/05/23 13:46
-	164	(transverse near mode) and ((waveguide near layer) or (guide near layer)) and ((quantum near well) or mqw or (multi adj quantum adj well)) and (current near (block\$3 or confinement))	USPAT;	2003/05/23 11:57
-	64	((transverse near mode) and ((waveguide near layer) or (guide near layer)) and ((quantum near well) or mqw or (multi adj quantum adj well)) and (current near (block\$3 or confinement))) and aluminum	US-PGPUB;	2003/05/23 11:58
-	12	((transverse near mode) and ((waveguide near layer) or (guide near layer)) and ((quantum near well) or mqw or (multi adj quantum adj well)) and (current near (block\$3 or confinement))) and aluminum and (aluminum near free)	EPO; JPO;	2003/05/23 13:53
-	19233	naito.in.	DERWENT	2003/05/23 13:46

-	68	naito.in. and 372/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/23 13:46
-	21	((naito.in. and 372/\$.ccls.) and (waveguide or guide))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/23 14:16
-	1	((naito.in. and 372/\$.ccls.) and (waveguide or guide)) and aluminum and (aluminum near free)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/23 13:54
-	4	((naito.in. and 372/\$.ccls.) and (waveguide or guide)) and aluminum	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/23 13:54
-	861	okubo.in. and (waveguide or guide)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/23 14:17
-	12	(okubo.in. and (waveguide or guide)) and 372/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/23 14:22
-	0	(index near giud\$3) and (waveguide or guide) and (current near (block\$3 or confin\$5))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/23 14:25
-	402	(index near guid\$3) and (waveguide or guide) and (current near (block\$3 or confin\$5))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/23 14:26
-	179	((index near guid\$3) and (waveguide or guide) and (current near (block\$3 or confin\$5))) and (transverse near mode)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/23 14:28
-	77	((index near guid\$3) and (waveguide or guide) and (current near (block\$3 or confin\$5))) and (transverse near mode)) and aluminum	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/23 14:28